

I.3
11/2/97

**U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT**

I. HEADING

EPA Region 5 Records Ctr.



284643

Date: 11/2/97
Subject: Moschiano Plating Company, Chicago, Cook County, Illinois
From: Brad Stimple, U.S. EPA OSC, ERB, Response Section 3

To: R. Karl, U.S. EPA, ERB, Chicago, IL
F. Rollins, U.S. EPA, ERB, RS3, Chicago, IL
B. Messenger, U.S. EPA, ERB, Chicago, IL
K. Mould, OSWER, Washington, D.C.
B. Ryczek, U.S. EPA, Enforcement Specialist, Chicago, IL
J. Kline, U.S. EPA, ORC, Chicago, IL
G. Narsette, U.S. EPA, OPA, Chicago, IL
B. Everetts, IEPA, Bureau of Land, Springfield, IL
G. Ramanath, IEPA, Bureau of Air, Maywood, IL
P. Bedillo, City of Chicago Dept. of Environment, Chicago, IL

POLREP Number: POLREP 2

II. BACKGROUND

Site No.: B515	Start Date: 8/13/97
Delivery Order: 5001-05-678	Completion Date: Ongoing
Response Authority: CERCLA (ERB)	Demobilization Date: NA
CERCLIS No.: ILD062471081	NPL Status: Non-NPL

III. SITE INFORMATION

A. Incident Category

CERCLA incident category: Abandoned Electroplating Facility.

B. Site Description

The Moschiano Plating Company (MPC) site is located at 2808 West Lake Street in a low income/high minority area of mixed industrial and residential development. Operations ceased at the facility in April 1997. The City of Chicago Department of the Environment requested assistance from U.S. EPA in August 1997, after a portion of the roof had collapsed. Plating solutions such as cyanide, chromic acid and various corrosive agents remained on-site in tanks and drums. U.S. EPA has provided 24-hour security presence at the site, since first arriving, to deter trespassing during removal activities. Refer to POLREP #1 for more detailed site information.

IV. RESPONSE INFORMATION

A. Situation

1. Current Situation

On 10-27-97, at approximately 1200 hours, a fire started inside the MPC site building during removal activities. Emergency procedures were initiated and the Chicago Fire Department and hazmat team were notified. The fire department was on-scene within minutes. The OSC coordinated with fire department personnel and informed them of the potential hazards associated with remaining hazardous chemicals on-site. U.S. EPA START contractors immediately began air monitoring in the area. At approximately 1400 hours, the fire was under control. Air monitoring in the surrounding area of the site revealed no public health threats throughout the incident. Several residents of a nearby apartment complex were evacuated as a precaution. All on-site

contractor personnel exited the building without serious injury. It is not known what exactly caused the fire.

Only the eastern half of the MPC building was affected by the fire. The roof and interior structures within the burn area were destroyed. All of the plating tanks and many of the drums remained intact along with the plating solutions and hazardous substances.

The city sanitary district was notified when the fire started and representatives were on-scene. Contaminated fire water exiting the building was evaluated and allowed to enter the sanitary sewer. Contamination of the water was minimal and representatives of the sanitary district informed U.S. EPA that the wastewater treatment plant would not have a problem treating the water.

The ERCS mobilized additional equipment and personnel to the scene that night. Heavy equipment including demolition shears arrived to help remove all hazardous and non-hazardous debris from the site.

2. Removal Activities to Date (10/27/97 to 11/2/97)

Removal activities this reporting period included:

1. All remaining tanks, drums and containers were re-evaluated and characterized as necessary.
2. Heavy equipment was utilized to disassemble remaining debris and plating tanks in the area of the fire. Debris was segregated and staged as hazardous or non-hazardous.
3. Fire water was removed from the flooring of the site with vacuum trucks.
4. All plating solutions were pumped from original tanks and transferred to secure temporary holding tanks.
5. Drummed material was either consolidated into the temporary holding tanks or overpacked for later disposal.
6. Solid hazardous wastes from plating tanks were either consolidated into bulk waste streams or drummed for later disposal.
7. Disposal approval activities continued and were completed. Transportation and disposal arrangements were made for remaining wastes.
8. By the end of the week, the majority of the wastes were staged or containerized for disposal. The portion of the building where the fire occurred was almost entirely cleared.
9. During the week, approximately 15,000 gallons of heavy metal contaminated wastewater was transported to CWM, Vickory, Ohio for proper off-site disposal. Approximately 4,700 gallons of chromic acid and waste acid solutions were transported to CWM for disposal. Approximately 50 cubic yards of hazardous debris was transported to The EQ Company, Belleville, Michigan for proper off-site disposal.

3. Enforcement

A General Notice of Liability and a CERCLA 104(e) information request was forwarded to the PRP of MPC site. The PRP declined the opportunity to perform cleanup activities due to lack of appropriate finances.

B. Planned Removal Activities

1. Complete demolition of tanks and debris. Transport all hazardous and non-hazardous debris off-site for disposal or reclamation.
2. Transport one bulk load of waste caustic liquid and one load of waste cyanide solution off-site for disposal.
3. Transport remaining heavy metal contaminated wastewater off-site for disposal.
4. Transport drummed hazardous waste off-site for disposal.
5. Decontaminate floor of building and temporary storage tanks.
6. Demobilize equipment and personnel as appropriate.

D. Key Issues

State and city agency personnel have been notified and briefed of the fire incident and what removal tasks remain. The City of Chicago plans to demolish the rest of the MPC building immediately upon completion of the removal action. The removal action should be near completion by the end of the week.

24-hour security will continue through duration of removal activities.

COST INFORMATION (totals as of 10/30/97)

	CEILING	COSTS	REMAINING
ERCS	\$550,000	\$203,000	\$347,000
START	\$ 12,500	\$ 9,000	\$ 3,500
U.S. EPA	\$ 50,000	\$ 15,000	\$ 35,000

VI. DISPOSITION OF WASTES

Wastestream	Medium	Quantity	Containment	Treatment	Disposal
Hazardous Debris	Solid	50 cy	Roll-Off Box Bulked	Off-Site	The EQ Company Belleville, MI
Waste Acids	Liquid	4,700 gal	Tank Truck	Off-Site	CWM Vickory, OH
Heavy Metal Contaminated Wastewater	Liquid	15,000	Tank Truck	Off-Site	CWM Vickory, OH